

SEQUENCE LISTING

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<110> Economides et al.

<120> DCR-5 BONE AFFECTING LIGAND

<130> REG 660-A-PCT

<140> PCT/US99/17979
<141> 1999-08-12

<150> 60/097,296
<151> 1998-08-20

<160> 21

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 3, 12, 18
<223> n = A, T, C or G

<400> 1
mgn aar tay ytn aar wsn gay tgg tgy
27

<210> 2
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 6, 9, 12, 21
<223> n = A,T,C or G

<400> 2
caracngtnw sngargargg ntgy
24

<210> 3
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 1, 4, 10, 13, 16
<223> n = A, T, C or G

<400> 3
nggnggrtcn arnccnggrc a
21

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<210> 4
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 1, 7, 10, 10
<223> n = A, T, C or G

<400> 4
narrrtnacn swcatrcanc krca 24

<210> 5
<211> 192
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(192)

<400> 5
cag aca gtg acg gag gag ggc tgc cgg agc cgc acc atc ctc aac cgc 48
Gln Thr Val Thr Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg
1 5 10 15

ttc tgc tac ggc cag tgc aac tcc ttc tac atc ccg cgg cac gtg aag 96
Phe Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys
20 25 30

aag gag gag gag tcc ttc cag tcc tgc gcc ttc tgc aag ccc cag cgc 144
Lys Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg
35 40 45

gtc acc tcc gtc ctc gtg gag ctc gag tgc ccg gga cta gac ccc cca 192
Val Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro
50 55 60

<210> 6
<211> 64
<212> PRT
<213> Homo sapiens

<400> 6
Gln Thr Val Thr Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg
1 5 10 15
Phe Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys
20 25 30
Lys Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg
35 40 45
Val Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro
50 55 60

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<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 7
agc cgc acc atc ctc aac cgc ttc tgc tac
30

<210> 8
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Primer

<400> 8
Ser Arg Thr Ile Leu Asn Arg Phe Cys Tyr
1           5           10

<210> 9
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 9
ctcgagctcc acgaggacgg aggtgac
27

<210> 10
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Primer

<400> 10
Glu Leu Glu Val Leu Val Ser Thr Val
1           5

<210> 11
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(504)
<223> 4

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<400> 11
atg ttc tgg aag ctt tcc ctg tcc ttg ttc ctg gtg gcg gtg ctg gtg      48
Met Phe Trp Lys Leu Ser Leu Ser Leu Phe Leu Val Ala Val Leu Val
1      5      10      15

aag gtg gcg gaa gcc cgg aag aac cgg ccg gcg ggc gcc atc ccc tcg      96
Lys Val Ala Glu Ala Arg Lys Asn Arg Pro Ala Gly Ala Ile Pro Ser
20      25      30

cct tac aag gac ggc agc agc aac aac tcg gag aga tgg cag cac cag      144
Pro Tyr Lys Asp Gly Ser Ser Asn Asn Ser Glu Arg Trp Gln His Gln
35      40      45

atc aag gag gtg ctg gcc tcc agc cag gag gcc ctg gtg gtc acc gag      192
Ile Lys Glu Val Leu Ala Ser Ser Gln Glu Ala Leu Val Val Thr Glu
50      55      60

cgc aag tac ctc aag agt gac tgg tgc aag acg cag ccg ctg cgg cag      240
Arg Lys Tyr Leu Lys Ser Asp Trp Cys Lys Thr Gln Pro Leu Arg Gln
65      70      75      80

acg gtg agc gag gag ggc tgc cgg agc cgc acc atc ctc aac cgc ttc      288
Thr Val Ser Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg Phe
85      90      95

tgc tac ggc cag tgc aac tcc ttc tac atc ccg cgg cac gtg aag aag      336
Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys Lys
100      105      110

gag gag gag tcc ttc cag tcc tgc gcc ttc tgc aag ccc cag cgc gtc      384
Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg Val
115      120      125

acc tcc gtc ctc gtg gag ctc gag tgc ccc ggc ctg gac cca ccc ttc      432
Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro Phe
130      135      140

cga ctc aag aaa atc cag aag gtg aag cag tgc cgg tgc atg tcc gtg      480
Arg Leu Lys Lys Ile Gln Lys Val Lys Gln Cys Arg Cys Met Ser Val
145      150      155      160

aac ctg agc gac tcg gac aag cag tga      507
Asn Leu Ser Asp Ser Asp Lys Gln
165

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<210> 12
<211> 168
<212> PRT
<213> Homo sapiens

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<400> 12
Met Phe Trp Lys Leu Ser Leu Ser Leu Phe Leu Val Ala Val Leu Val
1      5      10      15
Lys Val Ala Glu Ala Arg Lys Asn Arg Pro Ala Gly Ala Ile Pro Ser
20      25      30
Pro Tyr Lys Asp Gly Ser Ser Asn Asn Ser Glu Arg Trp Gln His Gln
35      40      45

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Ile Lys Glu Val Leu Ala Ser Ser Gln Glu Ala Leu Val Val Thr Glu
 50 55 60
 Arg Lys Tyr Leu Lys Ser Asp Trp Cys Lys Thr Gln Pro Leu Arg Gln
 65 70 75 80
 Thr Val Ser Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg Phe
 85 90 95
 Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys Lys
 100 105 110
 Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg Val
 115 120 125
 Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro Phe
 130 135 140
 Arg Leu Lys Lys Ile Gln Lys Val Lys Gln Cys Arg Cys Met Ser Val
 145 150 155 160
 Asn Leu Ser Asp Ser Asp Lys Gln
 165

<210> 13
 <211> 48
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 13
 cagatagaat tgcgccccac catggtgtgg aagctttccc tgtccttg 48

<210> 14
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 14
 cacgagaccg gtctgcttgt ccgagtcgct 30

<210> 15
 <211> 114
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Triple myc tag

<400> 15
 gagcagaagc tgatatccga agaagacctc ggccgagagc agaagctcat aagtgaggaa 60
 gacttgggcg gagagcagaa gcttatatcc gaagaagatc tcggaccgtg ataa 114

<210> 16
 <211> 52
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Primer

<400> 16
gagagacatg tctcggaaga accgtccggc tggcgccatc ccctcgctt ac 52

<210> 17
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 17
gagagcggcc gctcattact gcttgtccga gtcgctcag 39

<210> 18
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Mammalian

<400> 18
Arg Lys Tyr Leu Lys Ser Asp Trp Cys
1 5

<210> 19
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Mammalian

<400> 19
Gln Thr Val Ser Glu Gly Cys
1 5

<210> 20
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Mammalian

<400> 20
Pro Pro Asp Leu Gly Pro Cys
1 5

<210> 21
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Mammalian

<400> 21

Leu Asn Val Ser Met Cys Arg Cys
1 5